

# Faculty suggest presidential picks

## Latest FNL tackles MIT 2030, presidential search process

By **Ethan A. Solomon**  
EXECUTIVE EDITOR

This week, faculty again took to the pages of their Newsletter to chime in on key Institute developments, including the selection of the next president, MIT 2030, and MITx. The March/April newsletter's editorial page also featured faculty thoughts on the presidential search process, in addition to 10 suggestions for specific people who could replace President Susan J. Hockfield.

Members of the newsletter's editorial board were quoted asking for a president "who pays attention to the people at all levels of this campus," and "who is a scientist or an engineer; not an administrator." Another asked for "someone who will do something to restore the collegiality that used to distinguish the way

MIT did business."

"We need a President who will speak up against those who would pervert scientific findings or muzzle the scientific community for the sake of corporate contributions," said yet another. Quotes were not attributed to particular faculty members, only to "editorial board respondents."

The board suggested 10 people — four from within MIT, six from outside — to succeed Hockfield as president. And though only the joint Corporation-faculty search committee is actually responsible for picking names, this is the first time that specific possibilities have been publicly aired by any interested party.

From within MIT were Tyler E. Jacks, director of the Koch Institute for Integrative Cancer Research; Eric S. Lander, biology professor and director of the

Broad Institute; Susan Lindquist, biology professor and former director of the Whitehead Institute; and L. Rafael Reif, MIT's provost.

From outside MIT (though all have MIT affiliations) were Joseph Aoun PhD '82, president of Northeastern University; Lawrence Bacow '72, former president of Tufts University and former MIT chancellor; Bob Brown, president of Boston University and former MIT provost, dean of engineering, and Course 10 department head; Alice Gast, president of Lehigh University and former MIT vice president for research, Robert J. Birgeneau, Chancellor of the University of California, Berkeley and former MIT dean of science and Course 8 head; Mark S. Wrighton, Chancellor of Washington

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## Kaiser withdraws as chief of NIGMS

Biology Department Head Chris A. Kaiser PhD '88 withdrew his candidacy for the director of the National Institute of General Medicines (NIGMS) this past Monday, citing personal reasons. Kaiser would have assumed the position on April 30.

NIGMS has a \$2 billion budget for funding basic life sciences research. It is one of the few parts of

the NIH that supports researchers at other institutions, but does not hire its own. Kaiser has been an MIT faculty member since 1991 and taught 7.03 (Genetics) from 1992 to 2011. The article *The Tech* ran about Kaiser's acceptance in October can be found at <http://tech.mit.edu/V131/N46/kaiser.html>.

—Stan Gill

# Planning board review of MIT 2030

## Meeting on Tuesday to discuss zoning petition

By **John A. Hawkinson**  
STAFF REPORTER

MIT will present a new round of its ideas for the future of Kendall Square and the MIT campus east of Ames St. at Tuesday evening's public meeting of the Cambridge Planning Board.

The meeting is at 7 p.m. on May 1, 2012 at the City Hall Annex at 344 Broadway.

According to the meeting agenda, the Board will consider a zoning petition from Forest City regarding the block north of Random Hall at 7:20 p.m., followed by a discussion of zoning growing out of city's Kendall-to-Central (K2C2) initiative, and then an "MIT Zoning Petition Proposal update."

MIT had originally proposed a change to zoning in the Kendall area and the area of campus east of Ames St. in April 2011. The proposal would have enabled implementation of part of MIT's plan for additional academic buildings and future business development, dubbed "MIT 2030."

MIT withdrew its proposal last year after the city began the K2C2 process to re-envision both squares.

Meanwhile, this week was a whirlwind winding down for the Kendall portion of that study. On Monday morning, the Kendall advisory committee heard a presentation on retail space in Kendall Square. Mike Berne, the city's retail sub-consultant, said Kendall had insufficient population to support a full-sized supermarket, but should be able to support a drugstore, such as a Walgreens or a CVS.

On Tuesday, the city's consultants presented a summary of the work so far to the City Council. The Council expressed a desire for a half-day retreat to try to develop a more complete understanding of the proposal.

Then, yesterday morning, the advisory committee met again to discuss specific language of zoning regulations. While that meeting was supposed to be the last, it was clear the committee would require additional sessions to complete its work — it got about halfway through its agenda. Another meeting is tentatively scheduled for May 17.



ALICE L. CHEN

**MIT students, faculty, staff, and local students participate in a biology flash mob** in front of the Koch Building. Participants reenacted targeted drug delivery to a cancer cell as a part of the Cambridge Science Festival on Thursday afternoon.

## IN SHORT

**The Red Line will be replaced with shuttle bus service between Kendall and Broadway Saturday and Sunday.** Allow for a few extra minutes when going downtown this weekend! Buses will stop at all stations except Downtown Crossing. Riders must walk from Park Street to transfer to the Orange line.

**The Spring Weekend showing**

**of Up on Kresge Lawn has been postponed** due to an unfavorable weather forecast.

**Nominations for the Student Leader Awards close today at 5 p.m.!** Nominate individuals or student organizations for a chance to win an SLA grant! Additional information can be found at <https://studentlife.mit.edu/soa/sla/awards>

**Send news information and tips to [news@tech.mit.edu](mailto:news@tech.mit.edu).**

## INCREASING STUDENT INVOLVEMENT

We need more student/Institute collaboration.  
**OPINION, p. 4**

## EMERGING AND EDUCATED

The education of the middle class is vital to understanding Russia. **OPINION, p. 5**

## HOW DID JFK DIE?

*Head Shot* examines a number of cases. **ARTS, p. 10**



## BOSTON COMIC-CON

How I journeyed through Boston's annual comic convention.  
**CAMPUS LIFE, p. 8**

## MIT ALUM'S FILM DEBUT

*The Tech* checks out how *In the Family* hold up. **ARTS, p. 10**

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## PIANO DROP!



PHOTOS BY PRIYA GARG AND IAN M. GORODISHER—THE TECH  
**The Baker Piano Drop was held on Thursday, April 26,** coinciding with Drop Date, as is tradition. Hundreds gathered to view the spectacle on the side of Baker facing Memorial Drive.





# Liberian ex-leader convicted in Sierra Leone war atrocities

By Marlise Simons  
THE NEW YORK TIMES

THE HAGUE, Netherlands — Charles G. Taylor, the former president of Liberia and once a powerful warlord, was convicted by an international tribunal Thursday of arming, supporting and guiding a brutal rebel movement that committed mass atrocities in Sierra Leone during its civil war in the 1990s. He is the first head of state to be convicted by an international court since the Nuremberg trials after World War II. After 13 months of deliberation, a panel of three judges from Ireland, Samoa and Uganda found Taylor guilty of crimes against humanity and war crimes, including murder, rape, slavery and the use of child

soldiers. They said he had helped plan the capture of diamond mines and the invasion of Freetown, the capital. But the judges said the prosecution failed to prove that Taylor directly commanded the rebels responsible for the atrocities. The conflict in Sierra Leone became notorious for its gruesome tactics, including the calculated mutilation of thousands of civilians, the widespread use of drugged child soldiers and the mining of diamonds to pay for guns and ammunition. A new, sinister rebel vocabulary pointed to the horrors: applying “a smile” meant cutting off the upper and lower lips of a victim; giving “long sleeves” meant hacking off the hands; and giving “short sleeves” meant cutting the arm above the

elbow. “Charles Taylor is guilty, what he has done,” said Osman Turay, one of several amputees playing soccer on crutches in the concrete shell of an unfinished building in Freetown, Sierra Leone’s capital, on Thursday. “He is the one who started this.” Prosecutors said Taylor’s part in the devastation was motivated not by ideology, but by a quest for power and money — “pure avarice,” in the words of David M. Crane, the U.S. prosecutor who indicted him in 2003. Rebels supplied Taylor with “a continuous supply” of diamonds, often in exchange for arms and ammunition, the court found, allowing him to send what prosecutors said amounted to hundreds of millions of dollars to offshore companies.

# US agrees to reduce size of force on Okinawa

By Thom Shanker  
THE NEW YORK TIMES

WASHINGTON — The United States and Japan have reached agreement on a long-simmering dispute that calls for the U.S. military to reduce the number of Marines on Okinawa by 9,000 and begin returning land to the government there, senior officials announced Thursday. The deal was presented by senior U.S. officials as a victory for both sides: It offers the prospect of removing a chronic source of Japanese resentment and, in keeping with the

Obama administration’s new focus on Asia, allows the Defense Department to free up ground forces for rotating deployments elsewhere across the Pacific region, the officials said. No timetable was announced for completing the redeployment, which would still leave about 10,000 Marines based on Okinawa. About 5,000 of the Marines leaving the island are to be sent to Guam, a U.S. territory in the western Pacific Ocean, and a smaller number to Hawaii. But with U.S. efforts to increase troop rotations and Navy ship visits throughout the region — includ-

ing a new plan for Marines to rotate through a base in Australia — the overall U.S. presence in the Asia-Pacific region will not decrease, and may grow in various regions at different times, officials said. The agreement on removing the Marines was made possible by separating those negotiations from another thorny issue. The Japanese have demanded that the U.S. move the Marine Corps Air Station Futenma from its current site — an urban part of Okinawa — to a less-populated spot in the north, at Camp Schwab.

# Testifying, Murdoch cites ‘cover-up’ in hacking

LONDON — Rupert Murdoch criticized many different people for many different things in a morning of scrappy and often blunt testimony before a judicial panel here on Thursday. But in the most explosive criticism of all, he unexpectedly accused at least one former employee of presiding over a “cover-up” of phone hacking and other dubious practices at the News of the World tabloid. “I do blame one or two people,” he said, adding that he did not want to name them because “for all I know they may be arrested,” and then proceeded to make it fairly obvious who he meant, anyway. One was the now-defunct newspaper’s longtime chief lawyer, Tom Crone; the other appeared to be Colin Myler, its final editor. Murdoch said that as the newspaper’s proprietor, he bore ultimate responsibility for the hacking scandal that spurred him to shut News of the World down last summer. But he said he had been “shielded” from the truth by his obfuscating employees. —Sarah Lyall, The New York Times

# Running the world with eyes wide open

Jesper Olsen, a 40-year-old from Denmark, runs the equivalent of a marathon most days. He eschews iPods and is on his 25th pair of running shoes as he strings the long runs together in his second run around the world. Call him a real-life Forrest Gump and he playfully rolls his eyes. The 40,000-kilometers-on-foot journey, which he bills as World Run II, began in July 2008 in Nordkapp, Norway. Olsen aims to finish in Newfoundland in July. If Olsen succeeds, he will complete what is believed to be the world’s longest run, beating out his first world run by more than 14,000 kilometers, though records for such ordeals are hardly reliable. His quest is taking him from the top of the globe and back, traversing four continents and myriad terrains, temperatures and cultures. He paused in New York this week to run the Self-Transcendence Six Day Race. Olsen’s voyage is a sequel to one he completed in 2005, believed to be the first fully documented run around the world, which mostly traveled east to west. Almost immediately upon completing that journey, he began planning his current adventure, with a more north-to-south route. The global treks have produced some of the ordinary aches and pains known to long-distance runners. But Olsen’s second trek has also included episodes of dysentery, malaria, and dehydration. Olsen and his accompanying drivers have experienced extreme desert heat, the chill of high altitudes, robbery and the loss of three shipments of running shoes in the Argentine postal system. —Mary Pilon, The New York Times

WORLD&NATION WORLD&NATION WORLD&NA

# Tech Reunions 2012

# Student Job Opportunities

# June 6–10

➤ Make money, stay on campus until June 10, and meet alumni!

➤ Kid Tech counselors and Registration Staff positions available

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## Applications due by May 2!





## PUTIN PART III

# The new Russians: emerging and educated?

## *The Russian middle class's love of liberal democratic values is too superficial to lead to change*

**By Florence Gallez**  
*STAFF COLUMNIST*

The United States and its supporters have hardly been able to contain their excitement at the winds of democratic change that they perceive as blowing in the Arab world and other regions following recent anti-government uprisings. But this has often led to misinterpretation and inflation of the actual number and honorable motives of the protesters. The Western media's assessment of the recent street protests in Russia is no exception. The misjudgment and embellishment of the popular opposition and reactionary forces in Russian society by the West is in fact not confined to their size, but also their quality — or one could say, the “spirit” behind them.

This has been most apparent in the American and European media's descriptions of the emerging middle class, in which they also claim to see signs of true democratic efforts and evolution. While this has undeniably been the case, it does not hurt to question the rather short-lived acts of rebellion that the already waning activism on the streets attests to, or the lack of direction and organization of the political opposition, or the real motives and long-term goals and passions of the now more socially mobile segments of society.

Often described by optimistic Western commentators as “richer, more vocal (as here above), technology-savvy, and more educated and intellectually enlightened” than the rest of Russian society and their former repressed selves under Soviet rule, it is important to note that these qualifiers as-

signed to this 'new class' miss the point on several fronts.

*The Economist*, for example, reports, "A poll by the Levada Centre found a wide range of ages, incomes and political preferences among the protesters; they are not just the young, well-off middle class. What they have in common is their level of education: 70% were graduates." This omits the fact that even in Soviet times, Russia had one of the most highly literate and educated societies in the world. The present level of education of today's protesters, seen in that larger context, loses much of its significance and association with the desire for democracy.

**The present level of education of today's protesters, seen in that larger context, loses much of its significance and association with the desire for democracy.**

The media has also focused on how this younger and more mobile generation has been acting as a “catalyst” for discontent now felt across the country. Again, while this is true to some extent, I do recall seeing the early steps of this nascent “creative class,” as it is sometimes called, as a journalist in the early 2000s and as late as 2008, and speaking from my perceptions and for those years, this emerging middle class seemed, perhaps understandably,

to be more interested in tasting the sweet pleasures of the Western life (with foreign travels and holidays, brand-name clothes, cars, and cosmetics, dining, and night-clubbing), than in defending liberal democratic values.

In fact, the latter have never really been a unifying factor or ideal national goal fervently pursued in the whole country at any given time in post-Soviet Russia — perhaps not surprisingly, given the size and cultural diversity of the country. This is not to say that democracy only suits certain cultures — obviously it doesn't discriminate. But you do need a unified opposition that can speak to all these diverse peoples in an attractive and coherent manner that makes sense to all — and this has been sorely lacking in the new Russia. So far, such pro-democracy efforts have been too isolated and unsupported by institutions.

There are other subtle signs that make me question the reportedly deep and long-date desires for democratic change that Western media and Russia experts are quick to attribute to whom they call “the children of the Soviet Intelligentsia.”

Many among Russia's foreign trade and diplomatic partners are putting all their hopes on the higher echelons of this educated class — the well-connected, influential elite in business and the creative industries — but I have seen too many figures in these sectors keep their mouths shut about Kremlin abuses of power and other injustices, and suck up to the authorities.

While being precisely the people with the concrete means and public exposure to send some powerful messages about liberal

ideals, many (although obviously not all) ended up openly supporting Putin's policies, simply because they feared losing their positions, plushy jobs, contacts, or whatever of value they might lose.

**The reality in Russia is that wealth is acquired very quickly — but can also be lost tomorrow just as fast.**

The reality in Russia is that wealth is acquired very quickly — but can also be lost tomorrow just as fast. Nothing is guaranteed in such an unregulated, dysfunctional system, unprotected by the usual legal guarantees one would expect from a democratic nation. And in such a dysfunctional environment, friendships and alliances are made — and dissolved — very quickly and unpredictably. The way post-Soviet Russia has been bullying its former “friends” — satellite countries of the former Soviet Bloc — is a sign of this on the scale of foreign relations.

But in the everyday life of Russian society, broadly speaking, I have often witnessed how some deep, usually long-nurtured values such as free expression, care for one's fellow beings, and independence, for example, are being sacrificed with little second thought for the immediate pleasures of a much more fickle and material nature.

*This article is the fourth in a series on Russia's presidential election, popular street protests, and Putin's new presidency.*

# How does 2012 measure up to past elections?

*If voters are said to have a short memory, then the media must have short term memory loss*

**GOP**, from Page 4

Anyone listening to the talking heads on television for the last two months might be surprised with the above reaction. If there has been one consistent point thrown around by the pundits and political class, it is that there was only one winner from a GOP primary battle: President Barack Obama. From the whose who of political operatives to talk radio commentators, it seems

**Obama's campaign would have liked nothing more than for a prolonged primary battle, while the GOP establishment looked on in horror at the spectacle that would unfold.**

that there is near universal consensus that Obama's campaign would have liked nothing more than for a prolonged primary battle, while the GOP establishment looked on in horror at the spectacle that would unfold.

If voters are said to have a short memory, then the media must have short term

memory loss. The political punditry seems to have forgotten, a similar, if not increasingly bloody campaign took place four years ago. The 2008 democratic contest pitted an untested junior senator successfully battled a political heavyweight for almost the entire primary season. No one can argue that the intensity and length of the 2008 campaign did not help candidate Obama in the general election which followed.

If the Obama campaign was indeed rooting for a prolonged GOP nomination battle, it needs some new political advisors quickly. In fact, from a Republican perspective, the GOP 2012 campaign could not have been better scripted.

The truth is, a prolonged campaign battle, if handled correctly, is perhaps one of the most advantageous occurrences for a presidential campaign and political party. It was true in 1960 and exponentially more accurate today. This is because in today's 24 hour news cycle, where "breaking news" and soundbytes reign supreme, media coverage and exposure is the lifeblood of a campaign. For a ratings-obsessed media, a bloody contest beats out a "no-contest" any day.

It must be said that the 2012 GOP campaign has been a major advantage to the GOP and its presumptive nominee. One of the main criticisms directed at Governor Mitt Romney is that he seems to be robotic and stiff. It is hard to imagine a positive

outcome of a nearly yearlong campaign between Romney and one of the most effective campaigners of our generation, Obama. Additionally, voters have been exposed to the positions of not only Romney and the other GOP candidates, but the rumored VP candidates as well, including Chris Christie and Paul Ryan, both fiscal conservatives who have taken bold steps to try and jump-start the economic recovery. Contrast this with the coverage of Obama's accomplishments as of late, namely a historic 414-0 defeat of his budget in the house.

**Political candidates who run without opposition tend to accomplish less when in office.**

Romney has also honed his argument distancing himself from Obamacare, and now sounds credible when enumerating the differences between the federal power-grab and his state-first solution. Romney has also been vetted more thoroughly, and past attacks will hold less weight when used again, this time in the general election contest. Lastly, the campaign was good for the country.

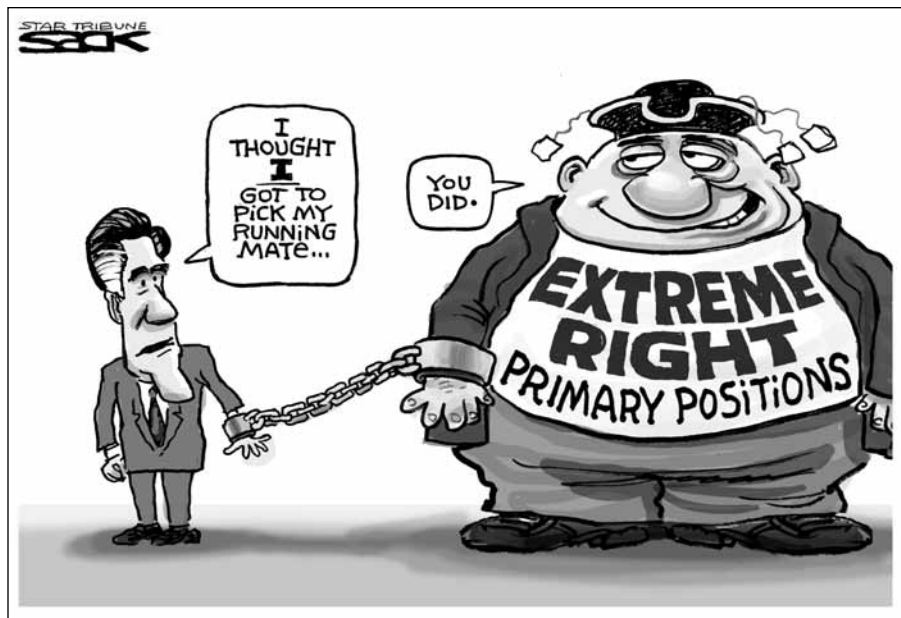
Political candidates who run without opposition tend to accomplish less when in office. They are complacent and had not

previously had to enumerate positions to which they could be held to later on. It can be said that Governor Ronald Reagan's 1976 primary battle with President Gerald Ford cemented Reagan's positions, and thus Reagan conservatism was born. When Reagan was finally elected in 1980, he accomplished a great deal in his first four years.

Similarly, Obama was forced to focus on reforming healthcare, a major piece of legislation. These outcomes are in stark contrast to the anemic accomplishments of the democratic supermajority which swept into power nearly unopposed in the 2006-2010 period. Those two congresses failed to address any significant issues and kicked the debt and entitlement issues down the road for the later generations. Should Romney emerge victorious in November, precedent dictates that he will be expected to pursue major goals, especially the issues of tax and entitlement reform.

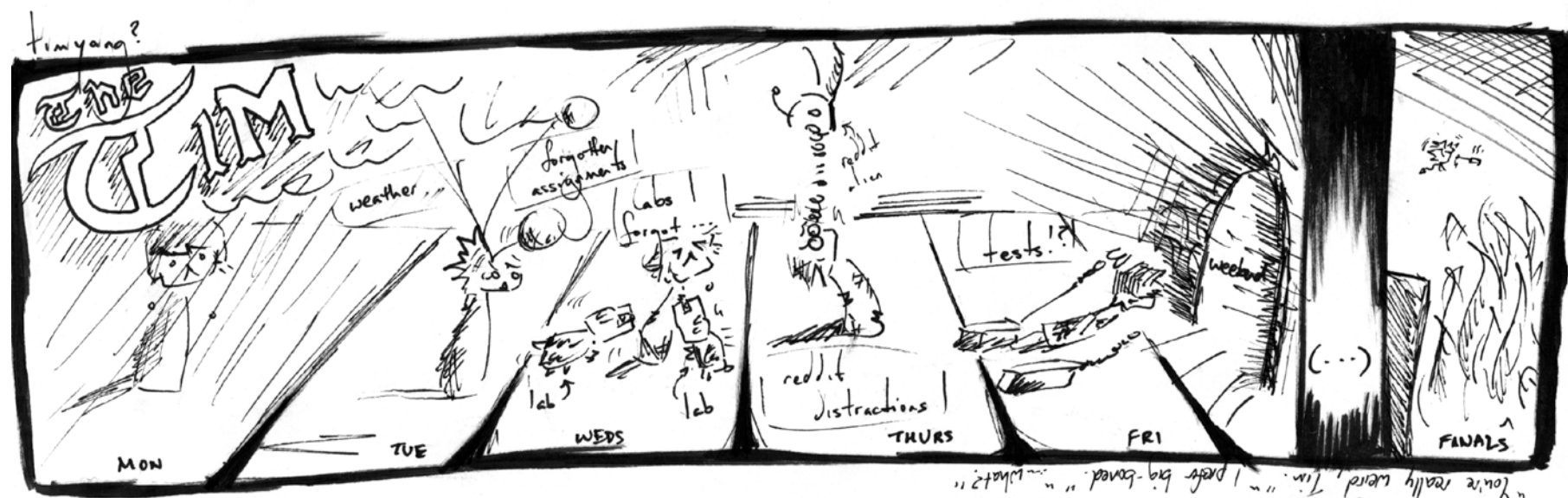
So while you can look forward in the days ahead to hearing the talking heads recycle anew the “fallout” of the Santorum vs. Romney fight, remember the elections of 1960 and 2008, their eventual victors, and how the country might benefit as a result. You might also ask yourself if you know more about Herman Cain’s tax-reform plan than Obama’s.

*A.J. Edelman is a member of the class of 2014.*









# ***DINOSAUR COMICS***

**THE DAY T-REX'S MIND BROKE:**

T-REX WHAT IF I TOLD  
YOU WE WERE 100  
YEARS IN THE FUTURE

I would say you're crazy,  
because  
WHERE ARE  
THE  
HOVERCARS??

OKAY WHAT IF  
I CREATED  
HOVERCARS

Please do!  
But it's still  
not the  
future, dude!

The future isn't JUST hovercars: it's medical advances, spaceships, sex robots, regular robots too I guess - and the list goes on! \

OKAY BUT WHAT IF I  
CHANGED THE WORLD LIKE  
THAT AND PROMISED IT'S  
EXACTLY HOW THINGS WILL  
BE 100 YEARS FROM NOW

Again: awesome. But the stars move over time too, right? I could IN THEORY not be partying with robots long enough to notice that.

BUT WHAT IF I WENT  
AHEAD AND FUTURIZED  
EVERY SINGLE ATOM IN  
THE UNIVERSE

That's - insane!

If God alters the physical universe so that it's exactly how it'd be 100 years from now - is it still today? Are we suddenly... in the FUTURE??

...whoah. Maybe? I mean, I want to say no, but there's no way for us to detect a difference. whoah.

what  
the hell  
IS time  
then??

I don't know! WHAT THE HELL  
ARE OUR CLOCKS MEASURING??  
aaaarrrrRRRRGHHH

\*non

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# Sudoku

Solution, page 11

	2		1		5	7		
				7			1	5
7					3	9		
	1			3	6			9
		6				4		
9			5	1			3	
		2	3					7
6	8			4				
		3	6		7		8	

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

# Techdoku

Solution, page 12

6+			3-	24x	
60x		30x		6x	
12x			24x		6
	16x			6+	2-
30x					
6		24x			

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.



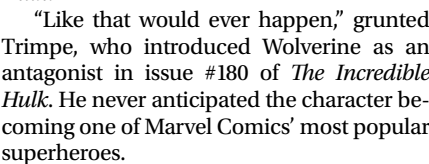


## Artists, readers, and cosplayers mingle at Boston Comic Con

The artists in the exhibition hall were happy to chat and give autographs. Industry professionals like Tim Sale, who penciled and inked stories like *Batman: The Long Halloween* and *Spiderman Blue*, were on hand

I attended another panel titled “Legends” that showcased some of the most accom-

"There's a new playing ground. ... You're allowed to be a little bit more free than in stories from before," said Manapul, who is writing and penciling *The Flash*. "The trick in comics is that the main characters stay the same, but you change everything around them to create an illusion of change. With the *New 52*, we're actually creating new characters." Another topic of discussion was the changes that have come with DC simultane-







A  
showcase  
of MIT's  
Cultural Groups

**ifair**  
International Fair

Today  
Kresge Oval  
10am - 4pm  
Performances from  
12am - 3pm





An attempt to answer 'what' killed JFK, without presupposing 'who'

*STAFF WRITER*

As the 50th anniversary of that fabled day approaches, new and recycled conspiracy theories — along with corresponding anti-conspiracy rebuttals — are certain to hit the shelves and screens near you. In the hope that his ideas will receive attention as the commemorative feeding frenzy begins, G. Paul Chambers has released an expanded version of his book, *Head Shot*. In it, Chambers argues that speculating about the identity and motives of the killer, without trying first to develop a clear understanding of the means by which Kennedy was killed, is putting the cart in front of the horse. Before we can hope to answer who killed Kennedy, and why, we must know what killed him. (Yes, I said “what”). The impact of a bullet to his skull, you will say, was obviously what killed Kennedy. Agreed. But what kind of bullet was it? Of what caliber? Traveling at what speed? Coming from which direction? Entering the skull where? Hitting at which angle? Doing what once it hit? Causing what kind of

MIT alum's film debut explores the usual father-son bond in a less conventional setting

*STAFF WRITER*

**Rather than focus on any political or social message, Wang simply lets the story unfold.**

The events in the plot itself sound more like fodder for a *Lifetime* movie, which makes the execution of the film all the more remarkable. Wang's wise restraint shows

Although Kennedy suffered several serious wounds, there is no doubt that the mortal one was a head wound “too extensive to treat.” A part of his skull was actually blown off by the impact, a gruesome scene captured in 8mm film by a bystander, Abraham Zapruder. Shockingly, Kennedy’s autopsy was such a mess that there is actual disagreement between different sources regarding which part of the head was blown off by the shot. Thus, the head wound which appears on the side

**The most credible evidence available regarding Kennedy's head wound suggests that a rifle other than the one owned by Lee Harvey Oswald was used to fire the fatal bullet that ended Kennedy's life.**

To determine the direction, speed and

Thus, Chambers claims, the most credible evidence available regarding Kennedy's head wound, and its recoil at the time of the impact as captured in the Zapruder film, suggest that a rifle other than the one owned by Lee Harvey Oswald, possibly a Winchester .220 Swift, was used to fire the fatal bullet that ended Kennedy's life. Furthermore, since Kennedy's head recoils backwards in the film, the bullet must have come from the front. This direction is consistent with the grassy knoll, where many witnesses reported hearing shots and seeing smoke, and is not consistent with the "sniper's nest" at the Texas School Book Depository. Chambers goes on to provide additional evidence in favor of the grassy knoll as a plausible firing place, from the statistical analysis of sounds and echoes recorded by police that day. He



through in everything from the dialogue to the cinematography. Upending the stereotype of Southern bigotry, never do the characters make overt references to homosexuality or race; the negative space stands out as the one of the film's most memorable aspects. This is a movie that doesn't dumb it down for the audience — everyone already knows that the unique situation is colored by societal biases.

Rather than focus on any political or social message, Wang simply lets the story of a father and a son unfold through each carefully-planned scene. Some of Wang's inexperience shows through in the slow pacing, which sometimes drags uncomfortably. While much of the extra time is needed to let the audience fully appreciate Joey's world, storytelling is often strengthened by brevity — just look at the first 10 minutes of *Up*. Thankfully, viewers aren't forced into a series of exaggeratedly emotional scenes

**Actor Sebastian Brodziak lights up the screen as Chip.**

For a first feature, Wang displays remarkable maturity in his directorial handling of the subject matter and in his unassuming portrayal of the loving, kind, frustrated Joey. Though Wang is the main force behind the film, it's not a one-man show; the rest of the ensemble cast are equally strong, topped with a strong performance from Sebastian Brodzia, who lights up the screen as Chip in each scene.

*In the Family* deftly strikes delicate bal-

## April 2012

Although I could have done without the many extemporaneous references to science in general that pepper the text, *Head Shot* is a dense, fact-packed, and well-argued book. It casts powerful doubts on the official account of events and — through a seemingly sound thought process that makes use of familiar laws of physics — makes a good case that there were multiple shooters that somber day in Dealey Plaza. This automatically suggests a conspiracy. Chambers' emphasis on working the question backwards using the fatal wound as a starting point strikes me as infinitely more compatible with scientific research than the approach taken by the Warren Commission, whose report was prepared from the start on the assumption that Oswald was the lone shooter. Also, by choosing his battles wisely, Chambers has produced a much more compact reading than most other recent tomes on the Kennedy assassination. Even though he stops short of even addressing the questions of who killed Kennedy and why, Chambers' inquiry into what killed Kennedy should be taken seriously. If for nothing else, because it puts the horse back firmly in front of the cart.



# Akamai CEO departs

By Michael B. Farrell  
*THE BOSTON GLOBE*

Paul Sagan, chief executive of Akamai Technologies Inc., the giant Internet infrastructure company in Cambridge, said Wednesday that he would leave his post by the end of 2013, as the company adapts to the increasing use of mobile devices to surf the Internet.

In an interview, Sagan said he announced his departure now so that Akamai would not “have to rush” to find a new chief executive. “My primary goal is that we can have an even more successful third CEO,” Sagan said, adding that the transition would bring “fresh ideas and change” to the company.

Sagan, appointed president of Akamai in 1999 and chief executive in 2005, led the company through some of its toughest challenges, including the death of cofounder Daniel Lewin in the terrorist attacks of Sept. 11, 2001, and the dot-com bust.

The challenge facing the company as it changes leadership will be to fend off competitors entering the Web content delivery business, and continuing to build its mobile technology, said Jim Davis, senior analyst at Tier 1 Research in San Francisco. A new chief executive will also need to grow Akamai’s online security business, he added, which the company launched this year to help clients fend off cyber attacks.

Sagan has surrounded himself with an experienced management team that will leave the company in good hands as he moves on, Davis said. Sagan’s departure “doesn’t come as a big surprise,” he said.

Solution to Sudoku															
from page 7															
3	2	4	1	9	5	7	6	8							
8	6	9	4	7	2	3	1	5							
7	5	1	8	6	3	9	4	2							
4	1	5	2	3	6	8	7	9							
2	3	6	7	8	9	4	5	1							
9	7	8	5	1	4	2	3	6							
1	4	2	3	5	8	6	9	7							
6	8	7	9	4	1	5	2	3							
5	9	3	6	2	7	1	8	4							

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This program provides opportunities for MIT undergraduate students to conduct research at state-of-the art Army laboratories working under the direction of Army scientists. Most areas of science and engineering are of interest. Internships typically run from June to August

As a summer intern, students:

- Gain valuable research experience
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- Access world-class facilities
- Become part of a team that provides new, life-saving technologies.

If you are interested in learning more about this program the first step is to register at the website:

<https://isn.mit.edu/internship/index.php>

If you have questions about this program, or experience difficulty using any features on website, please contact Marlisha McDaniels- [mmcd@mit.edu](mailto:mmcd@mit.edu) or the ISN Headquarters, NE47-4<sup>th</sup> Fl. 617.324.4700.

**\*The Army Lab provides the intern's salary, which typically ranges from \$2280/month to \$2864/month depending on class year. Under certain circumstances the ISN can provide the intern with a supplement of up to \$1500 to defray costs of local accommodations and travel.**

**The ISN:** The mission of the MIT Institute for Soldier Nanotechnologies is to dramatically enhance Soldier protection and survivability through basic research on nanotechnology and collaboration with Army and industry partners to transition promising research into practical capabilities.



TIFFANY IRA HUANG—THE TECH

**Physics Professor Walter H. G. Lewin moderates the Science Trivia Challenge** that took place in the Broad Institute on Wednesday night. Questions ranged from general science and engineering questions to identifying the beards of famous scientists.

Solution to Crossword

from page 6

HEIR	DALI	SWORE
OGRE	EDEN	HADES
POINTED	AT	OBOES
STEPS	FORWARD	
NET	ASS	
TURF	NODOZ	HERD
ATALE	AREA	LIE
STRUT	SONES	STUFF
TEE	AUNT	LADLE
ERRS	LEECH	PEER
ASK	OAT	
WALK	STHEWALK	
SAMOA	WORK	BENCH
EVENT	ONCE	NOPE
TENSE	SEER	STUN

Solution to Techdoku

from page 7

2	1	3	5	6	4
5	4	6	2	3	1
4	3	5	1	2	6
3	2	4	6	1	5
1	6	2	4	5	3
6	5	1	3	4	2

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# Updates in faculty newsletter

## Discussion on MIT 2030, MITx, presidential search

FNL, from Page 1

University in St. Louis and former MIT provost and Course 5 department head.

Jacks and Reif told *The Tech* that they were “flattered” and “honored” to be named among such good company, but did not offer comment on their possible interest in the presidency.

“I am flattered to be on the list but I have already been President/Chancellor of two great universities and that is enough,” Birgeneau said through a spokesperson. Aside from Berkeley, Birgeneau served as president of the University of Toronto from 2000–2004.

The other people suggested by the faculty did not respond to *Tech* email inquiries as of Thursday evening.

Other editorial board opinions asked for a continuation of key Hockfield administration policies: “Someone who will help broaden MIT’s impact and involvement, particularly in reinvigorating U.S. technological and manufacturing prowess.”

Jacks and Reif told *The Tech* that they were ‘flattered’ and ‘honored’ to be named among such good company.

### MIT 2030: The response

In the November/December newsletter, faculty issued a coordinated statement to the administration: involve us in the campus planning process. Then, the editorial board had called for the formation of a faculty advisory committee to guide the MIT 2030 process.

Administration officials responded in this issue. “The recent FNL articles may have suggested that MIT’s academic campus and our investment properties are in competition, or that we may losing sight of the primacy of our academic vision,” wrote Executive Vice Presi-

dent and Treasurer Israel Ruiz SM ’01 and Associate Provost for Space Martin A. Schmidt. “But we believe that the two work together to enhance innovation and opportunity.”

Ruiz and Schmidt had noted that development of MIT-owned property — like the spaces involved in the MIT 2030 vision, are all subject to a planning process that flows from the Committee for the Review of Space Planning, to the Building Committee, to the Executive Committee. Ruiz and Schmidt wrote that this process “is followed rigorously to ensure that academic interests are protected.”

However, none of those committees appear to have faculty representation.

“Moving forward, we want to review and expand our commitment to ensuring that engagement occurs around specific charges and ques-

tions that are important to the Institute,” they added.

The Working Group on the Future of Teaching and Learning Spaces at MIT, chaired by mechanical engineering professor John G. Brisson II, has been convened to plan for academic needs, according to Ruiz and Schmidt’s column. The administration is also working to engage faculty through regularly scheduled faculty and dean meetings, they said.

“The editorial in the February 10 edition of *The Tech* urges students to taken an active interest in 2030, and we echo that sentiment,” they wrote, adding that the Chancellor and student deans would help “create opportunities” for students to get involved.

The full March/April faculty newsletter can be accessed online at <http://mit.edu/fnl/>.

## Current members of the MIT Faculty Newsletter editorial board

**Robert C. Berwick PhD ’82**  
*Electrical Engineering and Computer Science*  
**Markus J. Buehler**  
*Civil and Environmental Engineering*  
**Nazli Choucrist**  
*Political Science*  
**Olivier L. de Weck PhD ’01**  
*Aeronautics and Astronautics and Engineering Systems*  
**Ernst G. Frankel**  
*Ocean Engineering*  
**Jean E. Jackson**  
*Anthropology*  
**Gordon M. Kaufman**  
*Management Science and Statistics*  
**Jonathan A. King**  
*Biology*  
**Helen Elaine Lee**  
*Program in Writing and Humanistic Studies*

**Stephen J. Lippard PhD ’65**  
*Chemistry*  
**Seth Lloyd**  
*Mechanical Engineering*  
**Fred Moavenzadeh**  
*Civil and Environmental Engineering and Engineering Systems*  
**James B. Orlin**  
*Sloan School of Management*  
**Ruth Perry**  
*Literature Section*  
**George C. Verghese**  
*Electrical Engineering and Computer Science*  
**Rosalind H. Williams**  
*STS and Writing*  
**Patrick Henry Winston ’65**  
*Electrical Engineering and Computer Science*  
**David Lewis**  
*Managing Editor*





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# How Did I End Up Here?

MIT School of Science

Marc A. Kastner, Dean

# colloquium



Edmund F. "Ted" Kelly, Ph.D.  
Chairman, Liberty Mutual Insurance Company  
Former President and CEO

Friday, April 27, 2012

3:45 p.m. Community Reception  
Stata Center, Lobby 32-123

4:15 p.m. Colloquium and Q&A  
Stata Center, Room 32-123



# You are cordially invited

# 5th Annual Prom Dress Rugby Tournament

April 28th, 2012

MIT - Briggs Fields

Snacks and T-shirts will be available!



Presented by the MIT Women’s Rugby Team

This space donated by *TheTech*

# MIT ASME General Body Meeting

Tuesday May 1st  
7:00-8:00  
5-217



Wonder what ASME is?  
Do you want to become involved with ASME?  
Have ideas to improve Course 2 student life?  
Want to be involved with the ASME District A Conference planning committee?  
Enjoy eating free food with other Course 2ers?  
Then come to the MIT ASME General Body Meeting!

This space donated by *The Tech*

## Harvard student's death ruled suicide

*Wendy Chang, 22, remembered as a warm and engaging woman*

By Travis Andersen  
*THE BOSTON GLOBE; APRIL 24, 2012*

The state medical examiner's office has ruled that the Harvard College senior found dead in her room Saturday morning committed suicide.

Terrel Harris, a spokesman for the state agency that oversees the medical examiner, said in an email that the cause of death for Wendy Chang, 22, of Irvine, Calif., has been ruled asphyxia by hanging.

**Chang wrote for *The Harvard Crimson* student newspaper and worked as a designer for the *Harvard Advocate*, a college literary journal**

In a statement, college spokesman Jeff Neal said Chang's death was a tragedy for the entire campus.

"The safety, wellbeing and health of our students — including their mental health — are critically important to us," Neal said. "Harvard has a comprehensive system in place to support student mental health and we have reached out to students repeatedly to let them know that services are available to them, particularly after the loss of any member of our community."

Evelynn M. Hammonds SM '80, dean of the college, told students last week that Chang was an English major who had just completed an honors thesis on Edith Wharton.

She was also a member of the Crimson Key Society — a student group that gives tours of campus — wrote for *The Harvard Crimson* student newspaper and worked as a designer for the *Harvard Advocate*, a college literary journal, Hammonds said.

In a message to students today, she reminded them that mental health counselors are available on campus.

"As with any tragic loss within our community, everyone may be affected, including close friends, teammates, colleagues and even those who didn't get the chance to know Wendy," Hammonds wrote.

Friends remembered Chang last week as a warm and engaging woman who combined academic excellence with a love for painting and cooking, the *Crimson* reported.

Her death is the latest in a string of tragedies involving students in the Boston-area during the academic year.

Two MIT undergraduates took their own lives in the fall, and a Suffolk University senior died last week after apparently jumping from a campus building.

Earlier this month, a Boston University graduate student died in an apparent suicide after ingesting a toxic chemical in her South End apartment.

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Beginning May 7  
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Saturday 9:00am - 6:00pm  
Sunday, May 13, May 20,  
and May 27  
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# Movements in Time

## Annual Dance Performance



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When: Saturday, April 28 at 7:00 PM

Where: Lobdell, Student Center (W20)

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Orginal ballet, modern, jazz, hip hop, tap choreography

Dance teacher and choreographer: ROBIN OFFLEY

Sponsored by UA Finboard

Photographed by  
Nick Wiltsie





